

Project Title	Funding	Institution
Signaling Pathways that Regulate Excitatory-inhibitory Balance	\$0	University of California, San Diego
The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	\$0	University of California, San Diego
TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	\$0	University of California, Los Angeles
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$0	University of Oxford
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	\$0	University of Kentucky
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$0	University of Colorado, Denver
GABAergic dysfunction in autism	\$0	Johns Hopkins University
Understanding the brain basis of impaired imitation learning in autism	\$0	Kennedy Krieger Institute
Brain electrophysiology of interactive social stimuli	\$0	Yale University
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	\$0	University of California, Los Angeles
Matrix metalloproteinases expression in autism spectrum disorders	\$0	University of Naples
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	\$0	Hospital Riviere-des-Praires, University of Montreal, Canada
Corticogenesis and Autism Spectrum Disorders: New Hypotheses on Transcriptional Regulation of Embryonic Neurogenesis by FGFs from In Vivo Studies and RNA-sequencing Analysis of Mouse Brain	\$0	Yale University
Interrogating Synaptic Transmission in Human Neurons	\$0	Stanford University
Determining the role of GABA in four animal models of autism	\$0	Neurochlore
Atypical architecture of prefrontal cortex in young children with autism	\$0	University of California, San Diego
Subependymal zone function in autism spectrum disorders	\$0	University of Oxford
Role of endosomal NHE6 in brain connectivity and autism	\$0	Brown University
Amygdala circuitry of impaired social-emotional behavior in autism	\$0	Rosalind Franklin University of Medicine and Science
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$0	Weill Cornell Medical College
Experience and cognitive development in infancy	\$0	University of California, Davis
Attention & word learning in children with ASD- Translating experimental findings into intervention	\$0	Women & Infants Hospital
CAREER: The role of prosody in word segmentation and lexical access	\$0	Michigan State University
Action anticipation in infants	\$0	University of Chicago
Abnormal connectivity in autism	\$0	University of California, Los Angeles
Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	\$0	Yale University
Reconceptualizing Brain Connectivity and Development in Autism	\$0	University of Miami
Dissecting the Human Magnocellular Visual Pathway in Perceptual Disorders	\$0	New York University

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Contribution of cerebellar CNTNAP2 to autism in a mouse model	\$0	University of Oxford
Molecular signatures of autism genes and the 16p11.2 deletion	\$0	Massachusetts General Hospital
Canonical neural computation in autism	\$0	New York University
Modeling alteration of RBFOX1 (A2BP1) target network in autism	\$0	Columbia University
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$0	University of California, San Francisco
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$0	Stanford University
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$0	Washington University in St. Louis
Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$0	SAN DIEGO STATE UNIVERSITY
CAREER: Statistical models and classification of time-varying shape	\$0	University of Utah
RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$0	Georgia Tech Research Corporation
HCC:Small:Computational studies of social nonverbal communication	\$0	University of Southern California
CAREER: Dissecting the neural mechanisms for face detection	\$0	California Institute of Technology
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	University of California, Davis
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Cornell University
BRIGE: Emotion mapping of children through human-robot interaction and affective computing	\$0	University of Louisville
Neural basis of cross-modal influences on perception	\$0	University of California, San Diego
MRI: Acquisition of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills	\$0	Emerson College
Neural Basis of Deficits in Multisensory Integration in Schizophrenia and ASD	\$0	Columbia University
How autism affects speech understanding in multitaler environments	\$0	University of Maryland
DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS	\$0	NORTHWESTERN UNIVERSITY
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$0	University of California, Irvine
Autism and the insula: Genomic and neural circuits	\$0	California Institute of Technology
Altered sensorimotor processing in a mouse model of autism	\$0	Louisiana State University School of Veterinary Medicine
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$0	University of California, San Diego
Functional Connectivity during Working Memory in Children with ASD: A NIRS Study	\$0	Georgetown University
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$0	University of California, San Francisco

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White matter glial pathology in autism	\$0	East Tennessee State University
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$0	Baylor College of Medicine
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	\$0	University of Maryland
Impact of NR2B mutations on NMDA receptors and synapse formation	\$0	Case Western Reserve University
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$0	University of Texas Health Science Center, San Antonio
Network Optimization of Functional Connectivity in Neuroimaging for Differential Diagnosis of Brain Diseases	\$5,000	University of Washington
The Neural Bases of Top-Down Attentional Control in Autism Spectrum Disorders	\$14,160	CITY COLLEGE OF NEW YORK
Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	\$14,920	BRANDEIS UNIVERSITY
Brain Transcriptome Sequencing and Non-coding RNA Characterization in Autism Spectrum Disorders	\$14,950	University of New South Wales
The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia	\$15,000	Cincinnati Children's Hospital Medical Center
Communication Deficits and the Motor System in ASD: Dissecting Patterns of Association and Dissociation Between Them	\$19,323	Massachusetts General Hospital
A Novel GABA Signalling Pathway in the CNS	\$25,000	MCLEAN HOSPITAL
Development of a connectomic functional brain imaging endophenotype of autism	\$27,327	University of Cambridge
An fMRI investigation of propagated intrinsic activity in early development and autism	\$28,934	Washington University in St. Louis
Na ⁺ -H ⁺ Exchanger Mechanisms in Autism Pathophysiology and Treatment	\$29,478	Brown University
Statistical Word Learning in Children with Language Disorders	\$29,799	University of Wisconsin
Engagement of Social Cognitive Networks during Game Play in Autism	\$29,933	Duke University
Neural basis of working memory and inhibitory control in ASD Children using NIRS	\$29,976	GEORGETOWN UNIVERSITY
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$29,987	University of Pittsburgh
Investigating the Role of RBFOX1 in Autism Etiology	\$30,000	University of Miami
Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	\$30,000	Max Planck Florida Institute for Neuroscience
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$30,000	University of California, San Francisco
Investigating brain organization and activation in autism at the whole-brain level	\$30,000	California Institute of Technology
Dissecting Reciprocal CNVs Associated With Autism	\$30,000	Duke University

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Developmental in Axons underlie Neuropsychiatric Illness	\$30,000	Children's Research Institute (CRI) Children's National Medical Center
Activity-dependent Mechanisms of Visual Circuit Formation	\$30,000	Children's Research Institute (CRI) Children's National Medical Center
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$30,000	University of California, Los Angeles
α-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$30,000	University of California, Davis
Modulation of RhoA Signaling by the mRNA Binding Protein hnRNPQ1	\$31,356	Emory University
Structural Polarity Influences Terminal Placement and Competition in Formation of the Calyx of Held	\$32,270	WEST VIRGINIA UNIVERSITY
The Striatal Circuitry Underlying Autistic-Like Behaviors	\$32,419	Duke University
Disruption of Reelin biosynthesis by de novo missense mutations found in aut	\$33,059	UPSTATE MEDICAL UNIVERSITY
Transcriptional Regulators in Normal Human Brain Development and Autism	\$34,216	University of California, Los Angeles
Characterizing and Manipulating the Social Reward Dysfunction in a Novel Mouse Model for Autism	\$35,000	Massachusetts Institute of Technology
Timed mRNA translation events in neocortical development and neurodevelopmental disorders	\$39,276	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders	\$41,902	Boston Children's Hospital
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	\$45,000	Johns Hopkins University
Understanding the Role of Epac2 in Cognitive Function	\$47,676	NORTHWESTERN UNIVERSITY
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	\$47,900	COLD SPRING HARBOR LABORATORY
Identification of genetic pathways that regulate neuronal circuits in C. elegans	\$51,530	UNIVERSITY OF CALIFORNIA SAN DIEGO
The flexibility of individuation and ensemble representation	\$51,530	NORTHWESTERN UNIVERSITY
Investigating role of neurexin-1 mutation in autism using human induced neurons	\$53,282	Stanford University
Behavioral, fMRI, and Anatomical MRI Investigations of Attention in Autism	\$53,282	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Artifacts as Windows to Other Minds: Social Reasoning In Typical and ASD Children	\$53,282	Boston University
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	\$54,400	SEATTLE CHILDREN'S HOSPITAL
Neural Synchrony and Plasticity in Children with Autism	\$54,400	University of North Carolina
Frontostriatal Synaptic Dysfunction in a Model of Autism	\$55,094	Stanford University
Role of Neurexin in Synapse Formation and Maintenance	\$56,978	Stanford University
Multisensory processing in autism	\$60,000	Baylor College of Medicine

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Social interaction and reward in autism: Possible role for ventral tegmental area	\$62,440	University of Geneva
Using fruit flies to map the network of autism-associated genes	\$62,498	University of California, San Diego
Local connectivity in altered excitation/inhibition balance states	\$62,500	Weizmann Institute of Science
Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	\$62,500	Weizmann Institute of Science
Analysis of autism linked genes in C. elegans	\$62,500	Massachusetts General Hospital
Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	\$66,667	New York University
Neurologin, oxidative stress and autism	\$75,000	Oklahoma Medical Research Foundation
Axonal Ultrastructure of Temporal White Matter in Autism	\$77,750	University of California, Davis
Striatal Specific Alterations in Translation, Synaptic Function, and Behavior in	\$81,581	New York University
Validity and Reliability of New Standard for Resting fMRI Data	\$84,750	New York University
Molecular mechanisms of electrical synapse formation in vivo	\$90,000	FRED HUTCHINSON CANCER RESEARCH CENTER
Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	\$90,000	MAYO CLINIC ROCHESTER
Functional analysis of EPHB2 mutations in autism - Project 1	\$90,616	Yale University
Neural markers of shared gaze during simulated social interactions in ASD	\$99,801	Yale University
Corticothalamic circuit interactions in autism	\$100,000	Boston Children's Hospital
Cognitive Control of Emotion in Autism	\$101,348	University of Pittsburgh
Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	\$107,377	University of California, Davis
Structural and Functional Connectivity of Large-Scale Brain Networks in Autism	\$112,748	University of Miami
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$124,148	Stanford University
Functional analysis of EPHB2 mutations in autism	\$124,950	MCLEAN HOSPITAL
CNTNAP2 regulates production, migration and organization of cortical neurons	\$124,996	Memorial Sloan-Kettering Cancer Center
Unreliability of neuronal responses in mouse models of autism	\$125,000	Carnegie Mellon University
Mapping functional neural circuits that mediate social behaviors in autism	\$125,000	Duke University
Hippocampal mechanisms of social learning in animal models of autism	\$125,000	Baylor College of Medicine
Role of LIN28/let-7 axis in autism	\$125,000	Johns Hopkins University
Pathogenic roles of paternal-age-associated mutations in autism	\$125,000	Weill Cornell Medical College
The Computational Basis of Theory of Mind in the Human Brain	\$130,695	CALIFORNIA INSTITUTE OF TECHNOLOGY
Characterizing mechanistic heterogeneity across ADHD and Autism	\$140,305	Oregon Health & Science University
A functional genomic analysis of the cerebral cortex	\$142,273	University of California, Los Angeles

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Neural Circuits That Regulate Social Motivation in Autism	\$146,325	University of North Carolina
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	\$149,999	Massachusetts General Hospital
Multimodal Imaging of Social Brain Networks in ASD	\$150,471	SAN DIEGO STATE UNIVERSITY
CAREER: Typical and atypical development of brain regions for theory of mind	\$151,160	Massachusetts Institute of Technology
Motor Control and Cerebellar Maturation in Autism	\$157,148	UT SOUTHWESTERN MEDICAL CENTER
Structural and Functional Neuroimaging of the Auditory System in Autism	\$157,982	Children's Hospital of Philadelphia
Neurobehavioral Investigation of Tactile Features in Autism Spectrum Disorders	\$162,562	Vanderbilt University
Mechanisms underlying word learning in children with ASD: Non-social learning and	\$171,433	Boston University
Brain Systems Supporting Learning and Memory in Children with Autism	\$172,797	Stanford University
EEG-Based Assessment of Functional Connectivity in Autism	\$175,176	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
Decoding Neural Systems Underlying Affective Prosody in Children with Autism	\$176,164	Stanford University
Assessment of glutamate delta-1 receptor in mental disorders	\$181,875	CREIGHTON UNIVERSITY
A neural model of fronto-parietal mirror neuron system dynamics	\$185,646	University of Maryland
Brain Network Development in Normal and Autistic Children	\$187,164	University of Utah
Cytoplasmic Functions of Rbfox1, a Candidate Autism Gene	\$192,500	University of California, Los Angeles
UBR7 is a novel chromatin directed E3 ubiquitin ligase	\$194,545	UNIVERSITY OF VIRGINIA
Using Drosophila to Characterize the Molecular Pathogenesis of Autism	\$195,000	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Mapping Thalamocortical Networks Across Development in ASD	\$195,834	Vanderbilt University
Bone Accrual Rates in Boys with ASD	\$196,546	Lurie Center
Variation in Neuroligin Concentration and Presynaptic Functional Development	\$196,979	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
ANALYSIS OF CORTICAL FUNCTION	\$198,706	National Institutes of Health
Dysfunction of Sensory Inhibition in Autism	\$202,145	Johns Hopkins University
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	\$202,745	University of California, Los Angeles
Functional connectivity in autism spectrum disorders	\$209,375	Children's Hospital of Philadelphia
Role of Draxin in Forebrain Connectivity and Complex Behaviors	\$216,128	WADSWORTH CENTER
Wnt modulation as a treatment for Autism Spectrum Disorders	\$222,318	UNIVERSITY OF IOWA
Correcting excitatory-inhibitory imbalance in autism	\$225,000	University of North Carolina
Protein network of high risk copy number variants for psychiatric disorders	\$227,135	UNIVERSITY OF CALIFORNIA SAN DIEGO
Time Perception and Timed Performance in Autism	\$227,487	Michigan State University

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Investigating Brain Connectivity in Autism at the Whole-Brain Level	\$232,967	Johns Hopkins University
Role of autism-associated chromatin remodeler Brg1 in neuronal development	\$238,500	UT SOUTHWESTERN MEDICAL CENTER
Met Signaling in Neural Development and Circuitry Formation	\$238,640	UNIVERSITY OF ARIZONA
Interneuron subtype-specific malfunction in autism spectrum disorders	\$240,000	New York University
fMRI and EEG approaches to the resting state in ASD	\$240,042	SAN DIEGO STATE UNIVERSITY
Mechanisms of Autonomic Brainstem Development	\$243,000	Children's Hospital Los Angeles
Electrophysiological Response to Executive Control Training in Autism	\$248,969	CHILDREN'S HOSPITAL CORPORATION
RNA dysregulation in autism	\$250,000	Rockefeller University
Identification of genes responsible for a genetic cause of autism	\$250,000	Case Western Reserve University
Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	\$250,152	PRINCETON UNIVERSITY
Neural Mechanisms of Tactile Sensation in Rodent Somatosensory Cortex	\$251,860	University of California, Berkeley
Intrinsic Brain Architecture of Young Children with Autism While Awake and Asleep	\$254,250	New York University
Molecular control of prefrontal cortical circuitry in autism	\$254,250	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$270,363	Landmark College
Reducing Diversity at the Gamma Protocadherin Locus by CRISPR Targeting	\$275,342	JACKSON LABORATORY
Alterations in brain-wide neuroanatomy in autism mouse models	\$300,000	Cold Spring Harbor Laboratory
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$306,974	UNIVERSITY OF PENNSYLVANIA
Statistical Methods for Ultrahigh-dimensional Biomedical Data	\$308,918	PRINCETON UNIVERSITY
Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder	\$309,761	Duke University
Ontogeny and neural basis of social visual engagement in monkeys	\$312,009	Emory University
Caspr2 as an autism candidate gene: a proteomic approach to function & structure.	\$318,000	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Electrophysiological Signatures of Language Impairment in Autism Spectrum Disord	\$318,332	Children's Hospital of Philadelphia
Impairments of Theory of Mind disrupt patterns of brain activity	\$321,000	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Molecular Dissection of Calmodulin Domain Functions	\$321,473	UNIVERSITY OF IOWA
Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	\$323,873	University of California, Berkeley
Physiology of Attention and Regulation in Children with ASD and LD	\$332,586	SEATTLE CHILDREN'S HOSPITAL
Elucidating the Function of Class 4 Semaphorins in GABAergic Synapse Formation	\$333,553	BRANDEIS UNIVERSITY

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Functional analysis of Neuroligin-Neurexin interactions in synaptic transmission	\$336,875	University of Massachusetts, Worcester
Psychobiological investigation of the socioemotional functioning in autism	\$347,490	Vanderbilt University
DEVELOPMENT OF FACE PROCESSING EXPERTISE	\$354,267	UNIVERSITY OF TORONTO
Neural Basis of Behavioral Flexibility	\$356,612	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$365,480	Massachusetts Institute of Technology
Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	\$366,427	University of California, Davis
Engrailed targets and the control of synaptic circuits in Drosophila	\$371,250	UNIVERSITY OF PUERTO RICO MED SCIENCES
Networked Cortical Responses to Movement Associated with ASD	\$372,970	Duke University
Neural networks for attention to internal and external sensory cues in ASD	\$374,510	Vanderbilt University
Verbal/non-verbal asynchrony in adolescents with high-functioning Autism	\$381,620	EMERSON COLLEGE
Typical and Pathological Cellular Development of the Human Amygdala	\$385,000	University of California, Davis
Optogenetic treatment of social behavior in autism	\$385,000	University of California, Los Angeles
PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	\$386,750	Stanford University
Molecular mechanisms of the synaptic organizer alpha-neurexin	\$388,750	UNIVERSITY OF TEXAS MEDICAL BR GALVESTON
AUDITORY AND INTEGRATIVE FUNCTIONS OF THE PREFRONTAL CORTEX	\$393,700	University of Rochester
The neurophysiology of sensory processing and multisensory integration in ASD	\$393,813	SYRACUSE UNIVERSITY
Organization of Excitatory and Inhibitory Circuits in ASD	\$395,236	Boston University
Genetic-imaging study of obsessive compulsive behavior in autism	\$395,918	BROWN UNIVERSITY
Shank3 in Synaptic Function and Autism	\$401,250	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
HIGH THROUGHPUT SCREEN FOR SMALL MOLECULE PROBES FOR NEURAL NETWORK DEVELOPMENT	\$405,000	Johns Hopkins University
The Impact of Pten Signaling on Neuronal Form and Function	\$405,000	DARTMOUTH COLLEGE
Learning and plasticity in the human brain	\$409,567	National Institutes of Health
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$413,188	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Monoallelic expression in neurons derived from induced pluripotent stem cells	\$414,150	ALBERT EINSTEIN COLLEGE OF MEDICINE
Biology of Non-Coding RNAs Associated with Psychiatric Disorders	\$415,143	UNIVERSITY OF SOUTHERN CALIFORNIA
Social Brain Networks for the Detection of Agents and Intentions	\$416,250	Yale University
Neural markers of shared gaze during simulated social interactions in ASD	\$416,250	Yale University

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Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice	\$425,202	Duke University
Regulation of SK2 channels by UBE3A	\$425,708	WESTERN UNIVERSITY OF HEALTH SCIENCES
Imaging adaptive cerebellar processing at cellular resolution in awake mice	\$428,215	PRINCETON UNIVERSITY
Social Cognitive Profiles of Autism and Schizophrenia	\$439,762	UNIVERSITY OF TEXAS DALLAS
Cortical Plasticity in Autism Spectrum Disorders	\$443,702	BETH ISRAEL DEACONESS MEDICAL CENTER
Dissecting neural mechanisms integrating multiple inputs in C. elegans	\$453,240	SALK INSTITUTE FOR BIOLOGICAL STUDIES
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	\$467,000	COLD SPRING HARBOR LABORATORY
Neurobiological signatures of perception and imitation of AV speech in children w	\$467,562	SOUTHERN CONNECTICUT STATE UNIVERSITY
Function of Neurexins	\$488,615	Stanford University
Signaling mechanisms in cerebellar development and function	\$494,324	Vanderbilt University
The Social Brain in Schizophrenia and Autism Spectrum Disorders	\$523,573	HARTFORD HOSPITAL
Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$532,028	TERC Inc
Characterizing Lexical Processing in Toddlers with Autism Spectrum Disorders	\$553,221	University of Wisconsin
Characterizing mechanistic heterogeneity across ADHD and Autism	\$561,952	Oregon Health & Science University
Executive Function in Children with Typical and Atypical Language Abilities	\$564,177	University of Wisconsin
Bidirectional Tyrosine Kinase Signaling	\$614,042	UT SOUTHWESTERN MEDICAL CENTER
Brain Bases of Language Deficits in SLI and ASD	\$614,180	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Impact of SynGAP1 Mutations on Synapse Maturation and Cognitive Development	\$614,568	SCRIPPS FLORIDA
Dynamic regulation of Shank3 and ASD	\$616,945	Johns Hopkins University
Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	\$623,389	Stanford University
Novel computational methods for higher order diffusion MRI in autism	\$626,233	UNIVERSITY OF PENNSYLVANIA
Functional and Structural Optical Brain Imaging	\$634,153	National Institutes of Health
Function and Structure Adaptations in Forebrain Development	\$662,342	Children's Hospital Los Angeles
Functional connectivity substrates of social and non-social deficits in ASD	\$698,074	Massachusetts General Hospital
Computational characterization of language use in autism spectrum disorder	\$712,942	Oregon Health & Science University
Multiscale Genetic Connectivity of Primate Social Circuits	\$735,023	University of Utah
The Elongation Hypothesis of Autism	\$752,400	University of North Carolina
Integrity and Dynamic Processing Efficiency of Networks in ASD	\$763,675	SAN DIEGO STATE UNIVERSITY

Project Title	Funding	Institution
The Cognitive Neuroscience of Autism Spectrum Disorders	\$1,032,186	National Institutes of Health
Functional Genomics of Human Brain Development	\$1,338,015	Yale University
FUNCTIONAL ANATOMY OF FACE PROCESSING IN THE PRIMATE BRAIN	\$1,678,442	National Institutes of Health

